Advance 10G SFP+ Media Converter

Installation

The Advance media converter is a plug-and-play device that requires no user configuration to enable operation.

To connect a device:

1. Plug in a copper network connection into the **TP1** port using Cat6a or better cabling. Maximum cable length <u>must not exceed 100m.</u>
2. Plug in a suitable 10G SFP+ module into the **SFP+ 2** port.
3. Plug in a fibre optic network connection into the SFP port. Cable type and length are dependent on the module used.
4. Plug in the supplied mains cable in the **220V 50Hz** port on the rear and plug into a mains power outlet.
5. The media converter auto detects the copper network interface and forwards to the fibre port.

Troubleshooting

There is no power being delivered to the media converter.
> Ensure the converter is plugged into a suitable mains supply.
> Ensure the converter power switch is in the on position.

There is no network connection.
> Ensure the patch cable is inserted correctly into the **TP1** port and to the host device.
> Ensure the patch cable is Cat6a or better.
> Ensure the SFP+ module is inserted correctly into the **SFP+ 2** port.
> Ensure the patch cable is OM3 or better if you are using a multimode SFP+ module.
> Ensure the fibre cable is inserted correctly into the SFP module and there is a crossover in the link (TX-RX, RX-TX)

Features

> 10G Base-T RJ-45 port
> 10G SFP+ module port

Specifications

Input Voltage	100-240VAC	Operating Temp.	0°C - 50°C
Network Standards	IEEE 802.3an, ae	Storage Temp.	-10°C - 70°C
LED Indicators	Power, Loop, Port 1 and 2 speed and link	Operating Humidity	5-90%
Data Rate	10Gbps	Regulations	CE/FCC/RoHS
Optical	Dependent on SFP module used	Warranty	2 Year Limited

WARNING – NEVER LOOK DIRECTLY INTO AN ACTIVE FIBRE OPTIC PORT